

RE: Review of Thermoplastic System 300 Traffic Marking

PRODUCT

Thermoplastic System 300 Traffic Marking is intended to replace normal traffic paint markings where paint typically wears out prematurely. Thermoplastic System 300 Traffic Marking is manufactured by Lafrentz Road Marking Division of Canadian Road Builders Inc. located in Acheson, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

Thermoplastic System 300 Traffic Marking is manufactured for application by extrusion onto pavement in liquid form with glass spheres both mixed in and dropped onto the material after application. Product web link - http://www.lafrentz.ca/lafrentz_home.htm

DESCRIPTION

Thermoplastic System 300 Traffic Marking is extrudable, solvent free, field reacting road marking material with glass spheres both mixed in and dropped onto the material immediately after application.

POTENTIAL USAGE

Thermoplastic System 300 Traffic Marking is highly suitable to be applied to new ACP or ACP in good condition. Thermoplastic System 300 Traffic Marking can be applied on the surface or inlaid into a milled groove. The Thermoplastic System 300 Traffic Marking is specified by BCMOTH, City of Edmonton and is used in all cities in Alberta.

STANDARDS

No standards submitted

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has experience with durable pavement markings such as System 400, 600 (MMA), PolyCarb Mark 55.4, Rainline and HD-21A durable waterborne products. These four products are currently listed on Alberta Infrastructure and Transportation's Products List under Proven Products.

APPLICATION STANDARDS

At present Alberta Transportation does not have a standard for Durable Pavement Markings. Alberta Infrastructure and Transportation does have a special provision (SpS200) for Durable Pavement Message Markings and recommended practices for Wet Night High Visibility Durable Pavement Markings.

RECOMMENDATIONS

Thermoplastic System 300 Traffic Marking be listed as a Proven Product under Alberta Transportation Products List, Pavement Markings – Durable Plastic Marking – Proprietary, based on the information provided.

TRIAL PROJECTS

Many uses in the City of Edmonton since the early 1980's.

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
Richard Chow
Bill Kenny
Jim Gavin